ABSTRACT

A semiconductor light-emitting device comprises an elongated light transmitter 2; a pair of metallic heat sinks 4 disposed at both ends 2a of light transmitter 2 in a perpendicular relation to light transmitter 2. A linear light source comprises an elongated light transmitter 2 having an irradiation surface 2e; semiconductor light-emitting elements 3 for respectively emitting light into light transmitter 2 from both ends 2a thereof; and half-mirrors 20 mounted in light transmitter 2 for reflecting light emitted from light-emitting elements 3 toward the outside of light transmitter 2 through irradiation surface 2e. With these semiconductor light-emitting device and linear light source, light from the semiconductor light-emitting element as a point light source can be transformed into a linear light with the generally uniform luminance.